

The listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing Of Claims:**

1-30. (canceled)

31. (new) A chemical gas generator comprising a generating device for producing gas by chemical reaction, the device comprising friction-induced spark generating ignition means.
32. (new) A generator as claimed in claim 31, wherein the spark generating means comprises a friction wheel and flint.
33. (new) A generator as claimed in claim 31, wherein the ignition means also comprises means for abrading a surface of the generating device in the region of ignition.
34. (new) A generator as claimed in claim 31, wherein the device is in the form of a cylinder having a cross-section of a major segment of a circle, the ignition means being positioned close or adjacent to the flat surface of the cylinder.
35. (new) A generator as claimed in claim 31, wherein the ignition means is located in a central region of the device, the device being arranged to sustain during operation propagation of a plurality of burn fronts there through, the fronts propagating in generally different directions.
36. (new) A chemical gas generator comprising a generating device for producing gas by chemical reaction or ignition, the device being at least partly enclosed within thermal insulating means comprising a vacuum jacket.

37. (new) A generator as claimed in claim 36, wherein the device is also enclosed within thermal insulating material.
38. (new) A generator as claimed in claim 36, which generates oxygen.
39. (new) A generator as claimed in claim 38, wherein the device comprises a metal chlorate or perchlorate, in admixture with a catalyst and a fuel.
40. (new) A generator as claimed in claim 31, wherein the spark generating means is located in a central region of the device, the device being arranged in sustain during operation propagation of two burn fronts traveling in opposite directions and generating oxygen thereby, the device being at least partially enclosed within thermal insulating means comprising a vacuum jacket and thermal insulating material.